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PATENT  
ATTY. DOCKET NO. VII/17US

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Kanarov et al. Art Unit: 2821  
Serial No. : 10/772,132 Examiner: Ephrem Alemu  
Filed : February 4, 2004  
For : CHARGED PARTICLE SOURCE AND OPERATION THEREOF

Mail Stop Amendment  
Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

*Via Facsimile*RESPONSE TO OFFICE ACTION

This paper is in response to the Office Action mailed February 28, 2006.

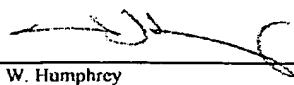
Claim amendments begin on page 2 of this paper.

Remarks begin on page 5 of this paper.

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Thomas W. Humphrey  
Reg. No. 34,353

August 28, 2006  
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Date